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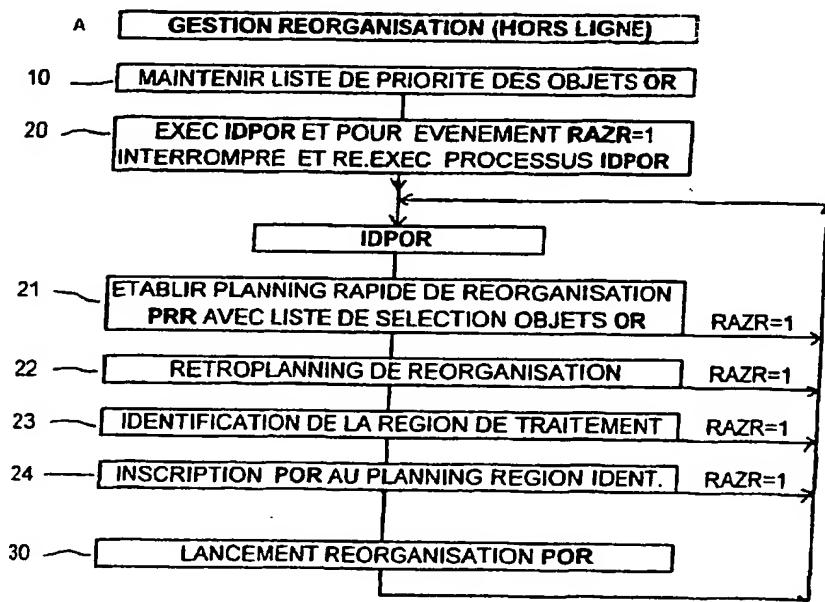
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(54) Title: METHOD FOR REORGANIZATION MANAGEMENT IN A SET OF INDEXED DATABASES OF A COMPUTER
SYSTEM

(54) Titre : METHODE DE GESTION DES REORGANISATIONS DANS UN ENSEMBLE DE BASES DE DONNEES IN-
DEXEES D'UN SYSTEME INFORMATIQUE



A...(OFFLINE) REORGANIZATION MANAGEMENT
10...MAINTAINING A PRIORITY LIST OF OBJECTS (OR)
20...EXECUTING (IDPOR) AND FOR EVENT RAZ=1
INTERRUPTING AND RE-EXECUTION OF PROCESS (IDPOR)
21...ESTABLISHING RAPID PLANNING OF
REORGANIZATION (PRR) WITH LIST OF OBJECTS (OR)
22...REORGANIZATION RETROACTIVE PLANNING
23...IDENTIFYING THE PROCESSING ZONE
24...WRITING (POR) IN IDENTIFIED PLANNING ZONE
30...LAUNCHING REORGANIZATION (POR)

(57) Abstract: The invention concerns an offline reorganization management in a set of indexed databases, in particular of the tablespace type, of an information computer system comprising the following steps: (10): continuously maintaining a list (PRIOREORG) of objects to be reorganized in descending order of priority; (20) executing a process (IDPOR) of identification of the next object to be reorganized (POR) in the absence of any reappraisal event (RAZ) and comprising the following steps: (21) establishing a rapid reorganization planning (PRR) using the list (PRIOREORG) and residual operational time (TRR) and a selection list (SELECT) of objects (OR); (22) establishing reorganization retroactive planning with LIFO memory storage of objects extracted from the list (SELECT); (23) identifying the available processing zone (RTR) to reorganize the object (POR); (24) writing (POR) when the zone (RTR) is cleared in the absence of any event (RAZ); and re-executing the process (IDPOR).

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